



Incident Action Plan

MISSION INCIDENT

11/18/2014

Santa Paula, California

Operational Period #24
12/14 08:00 - 12/15 08:00

Incident Action Plan

Incident: MISSION INCIDENT	Prepared By: Ashley Reardon
Period: #24: 12/14 08:00 - 12/15 08:00	Version Name: P024V02 DRAFT

Approved By

Organization	Name	Signature
USEPA	Tom Dunkelman	
Ventura County EHD	Glenn Austin	
RP IC	Jason Guzman	

Incident Photo



Included in Action Plan

Include	Incident Forms	Include	Period Forms
<input checked="" type="checkbox"/>	Include Incident Cover	<input checked="" type="checkbox"/>	ICS 202 - Incident Objectives
<input type="checkbox"/>	ICS 201-1 - Incident Briefing	<input checked="" type="checkbox"/>	ICS 204 - Assignment List(s)
<input type="checkbox"/>	ICS 201-2 - Summary of Current Actions	<input checked="" type="checkbox"/>	ICS 205 - Communication Plan
<input type="checkbox"/>	ICS 201-3 - Organization Chart	<input checked="" type="checkbox"/>	ICS 206 - Medical Plan
<input type="checkbox"/>	ICS 201-4 - Resource Summary	<input checked="" type="checkbox"/>	ICS 207 - Organizational Chart
<input type="checkbox"/>	ICS 201-5 - Site Safety and Control Analysis	<input type="checkbox"/>	ICS 208 - Site Safety Plan(s)
<input type="checkbox"/>	Reactive Phase Weather Report	<input type="checkbox"/>	ICS 211P - Check In List
<input type="checkbox"/>	Reactive Phase Notifications	<input checked="" type="checkbox"/>	ICS 230 - Meeting Schedule
		<input type="checkbox"/>	Weather Report
		<input type="checkbox"/>	ICS 213 - General Message(s)
		<input type="checkbox"/>	ICS 214 - Activity Logs

Incident Action Plan

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Incident Critique

ICS 202: Incident Objectives

Incident: MISSION INCIDENT

Prepared By: Ashley Reardon

Period: #24: 12/14 08:00 - 12/15 08:00

Version Name: 12/14/2014 09:53 CST

Objective(s)

- Work Safely
Ensure the health and safety of the public and response and recovery personnel.
- Secure site
Establish site-wide security measures to preserve site integrity and limit unauthorized access to the Site.
- Identify health threats
Identify potential and immediate threats to human health associated with incident cleanup.
- Mitigate health hazards
Work to mitigate the immediate threats to human health and stabilize the site.
- Containerize waste
Containerize regulated wastes appropriately to mitigate immediate threats to human health. Inspect all on site waste containers to identify potential threats or unstable dangerous conditions.
- Inventory site containers and waste
Create and manage an inventory of on site waste containers to include tanks, tanker trucks, totes, pits, ponds, roll off bins and drums that may require rapid attention. use this inventory to assist in profiling various waste streams for proper disposal.

Operational Period Command Emphasis

Phase 1 and 2 of Tank and Tote Inventory Sampling and Analysis Plan - visual assessment of tanks on site and tank grouping
 HazCat accessible totes on-site
 Maintain roll-off and contaminated PPE from Decon A and Decon C
 Maintain 24-hr air monitoring
 Maintain security around the site to preserve site integrity
 Maintain Air Ops

General Situational Awareness

- ENSURE ALL VEHICLES ARE FACING DIRECTION OF EXIT
- UTILIZE ALL APPROPRIATE PROTECTIVE EQUIPMENT
- KNOW YOUR ESCAPE ROUTES
- ENSURE DECON TEAM IS AWARE OF DECON OBJECTIVES
- DRINK LOTS OF WATER
- ESTABLISH AN AREA OF SAFE REFUGE
- MAINTAIN OBSERVATIONS OF ALL CONTROL ZONES AND ENSURE NO UNAUTHORIZED MOVEMENT BETWEEN THE ZONES
- REPORT ALL ILLNESSES AND INJURIES TO YOUR SUPERVISOR

ICS 204 - Assignment List

Incident:	MISSION INCIDENT	Period:	#24: 12/14 08:00 - 12/15 08:00
Branch:		Division / Group:	Decon Units
Prepared By:	Ashley Reardon	Version Name:	12/14/2014 08:16 CST
Unit:	DECON UNITS		

Tactical Objective

Provide entry team decontamination processes in accordance with job hazard analysis and/or verbal direction.

Assignments

Personnel will be assigned to designated ingress and egress locations at the site.
Maintain roll-off and contaminated PPE from Decon A and Decon C.

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes
Decon Team C	Josh Bailey	4	661-340-6156	

Assignment Progress and Issues

Location of Work

Designated ingress and egress locations at the site.

ICS 204 - Assignment List

Incident:	MISSION INCIDENT	Period:	#24: 12/14 08:00 - 12/15 08:00
Branch:		Division / Group:	Planning
Prepared By:	Ashley Reardon	Version Name:	12/14/2014 08:16 CST
Unit:	AIR OPS		

Tactical Objective

Provide aerial imagery as requested by UC or Operations. Maintain situational awareness at all times.

Assignments

Obtain aerial photographs of the site several times per day, as appropriate
Fill out flight checklist for each flight
Follow all safety precautions
Obtain photo and video footage of critical operations, as requested.

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes
Copter Pilot	Phil Baker	1	501-804-8138	
Remote-controlled copter		1		
Remote live feed camera		1		

Assignment Progress and Issues

Location of Work

Onsite

ICS 204 - Assignment List

Incident:	MISSION INCIDENT	Period:	#24: 12/14 08:00 - 12/15 08:00
Branch:		Division / Group:	Suppression
Prepared By:	Ashley Reardon	Version Name:	12/14/2014 08:16 CST
Unit:	HAZMAT/SUPPRESSION		

Tactical Objective	
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Provide standby fire suppression and rescue teams for entry teams as designated by Operations Chief.

Assignments

Maintenance of fire suppression capabilities with pumps, hoses, and fire monitors.
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Provide and maintain equipped personnel to make entry if necessary during release area stabilization processes.

[illegible]

Resources Required	
1. Human Resources:	<ul style="list-style-type: none"> Project Manager Business Analysts Software Developers Quality Assurance (QA) Engineers System Administrators UX/UI Designers Marketing and Sales Team Customer Support Representatives
2. Financial Resources:	<ul style="list-style-type: none"> Development Costs Marketing and Advertising Budget Infrastructure and Hosting Fees Salaries and Benefits Legal and Compliance Costs Contingency Fund
3. Technical Resources:	<ul style="list-style-type: none"> Cloud Services (AWS, Azure, Google Cloud) Development Tools (IDEs, Frameworks) Testing Environments Security Tools Monitoring and Analytics Tools
4. Information Resources:	<ul style="list-style-type: none"> Market Research Data Competitor Analysis Customer Feedback Industry Trends Regulatory Requirements

Resource Identifier	Leader	# of Units	Contact	Notes
Suppression Team	Mike Sokoloff	3	818-414-1980	

Assignment Progress and Issues

Location of Work	

Designated points of ingress and egress or as assigned.

ICS 204 - Assignment List

Incident:	MISSION INCIDENT	Period:	#24: 12/14 08:00 - 12/15 08:00
Branch:		Division / Group:	Environmental
Prepared By:	Ashley Reardon	Version Name:	12/14/2014 08:16 CST
Unit:	ENVIRONMENTAL HEALTH		

Tactical Objective

Provide community and site air monitoring. Provide site post stabilization surface sampling to assess the presence or absence of contaminants.

Assignments

Continue air monitoring in the surrounding community

Continue air monitoring around site perimeter

Provide site stabilization teams with post-stabilization swipe assessments

Provide site stabilization teams with air monitoring support

Wipe sample as necessary

Sample accessible totes on site

Phase 1 and 2 of Tank and Tote Inventory Sampling and Analysis Plan - visual assessment of tanks on site and tank grouping

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes
Tank Sampling Strike Team 1	Jeremy Gueringer	3	501-366-8551	
Tank Sampling Strike Team 2	Louis Chacon	2	501-529-7163	
Visual Assessment Strike Team 1	Sam Head	2	501-707-7256	
Visual Assessment Strike Team 2	Jeff Appleton	2	832-808-0102	
Air Monitoring - Community (Days)	Daniel Short	1	501-416-5700	
Air Monitoring - Perimeter (Days)	Andrew Henault	1	501-366-8818	
Air Monitoring - Perimeter (Nights)	Lani Dorow	2	719-749-6171	

Assignment Progress and Issues

Share analytical results with the County or other agencies as directed.

Location of Work

The community and on site as designated by Operations.

ICS 204 - Assignment List

Incident:	MISSION INCIDENT	Period:	#24: 12/14 08:00 - 12/15 08:00
Branch:		Division / Group:	Chemistry Strike Team
Prepared By:	Ashley Reardon	Version Name:	12/14/2014 08:16 CST
Unit:	CHEMISTRY STRIKE TEAM		

Tactical Objective

Provide technical support to Incident Management and Site Stabilization Teams.

Assignments

Perform HAZCAT analysis on tote samples
Conduct efficacy tests
Oversee stabilization process
Collect samples from pool as requested

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes
Chemistry Strike Team	Randall Woodlee	1	615-504-3484	

Assignment Progress and Issues

Location of Work

On Site/HazCat trailer in E1

ICS 204 - Assignment List

Incident: MISSION INCIDENT	Period: #24: 12/14 08:00 - 12/15 08:00
Branch:	Division / Group: Coast Guard Strike Team
Prepared By: Ashley Reardon	Version Name: 12/14/2014 08:16 CST
Unit: COAST GUARD STRIKE TEAM	

Tactical Objective

Monitor site operations as needed by the USEPA FOSC.

Assignments

Provide safety support to the USEPA FOSC as requested.

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes
USCG Safety	Cody Staneart	2	510-289-0780	

Assignment Progress and Issues

Location of Work

On-site

ICS 205: Communication Plan

Incident: MISSION INCIDENT	Prepared By: Ashley Reardon
Period: #24: 12/14 08:00 - 12/15 08:00	Version Name: 12/14/2014 08:16 CST

Radio Listings

Zone Grp.	Ch #	Function	Channel Name / Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone / NAC	TX Freq N or W	TX Tone / NAC	Mode (A, D or M)	Remarks
Ops	1		Patriot Channel 1	Operations	462.475	141.3	467.475	141.3		

Phone Listings

Name	Title	Phone	Radio	Email	Other
Alec Gonzales	Documentation Unit Lead	702-419-1306	<input type="checkbox"/>	alec@alecgonzales.com	
Andrew Henault	Air Sampling Unit Lead	501-240-6071	<input type="checkbox"/>	ahenault@cteh.com	
Ashley Reardon	Planning Section Chief	501-247-6691	<input type="checkbox"/>	areardon@cteh.com	
Ben Castellano	START	818-371-5388	<input type="checkbox"/>	ben.castellano@westonsolutions.com	
Chris Sigala	Security Unit Lead	805-620-2598	<input type="checkbox"/>		
Chris Thessing	Air Ops Leader	501-515-1228	<input type="checkbox"/>	cthessing@cteh.com	
Cody Staneart	Coast Guard Strike Team Safety Lead	510-289-0780	<input type="checkbox"/>		
Curtis Vorhees	Site Safety Officer	661-340-6139	<input type="checkbox"/>	cvorhees@patriotenvironmental.com	
Dave Mosley	Operations Section Chief	661-340-7177	<input type="checkbox"/>	dmosley@patriotenvironmental.com	
David Ramos	Finance Section Chief	805-755-3300	<input type="checkbox"/>	dramos@patriotenvironmental.com	
Don Linville	Deputy Safety Officer	828-707-4473	<input type="checkbox"/>	dlinville@cteh.com	
Don Warren	Operations Deputy Section Chief	601-278-7814	<input type="checkbox"/>	dwarren@cteh.com	
Glenn Austin	Ventura County EHD (Current)	805-901-8270	<input type="checkbox"/>	glenn.austin@ventura.org	
Jacob Fenske	Environmental Sampling Branch Mgr	501-584-8239	<input type="checkbox"/>	jfenske@cteh.com	
Jared Weissenbach	Finance Section Chief	714-403-6514	<input type="checkbox"/>	jWeissenbach@patriotenvironmental.com	
Jason Guzman	RP Incident Commander	805-755-3322	<input type="checkbox"/>	jguzman@patriotenvironmental.com	
Josh Bailey	Decon Group 1 Supervisor	661-414-9075	<input type="checkbox"/>		
Josh Blansett	Situation Unit Leader	901-573-5613	<input type="checkbox"/>	jblansett@cteh.com	
Josh Rodriguez	Supply Unit Lead	661-340-9692	<input type="checkbox"/>		
Kent Creighton	Planning Section Deputy Chief	562-310-6969	<input type="checkbox"/>	kcreighton@patriotenvironmental.com	
Kyle Lawrence	Environmental Sampling Branch Manager	501-366-2698	<input type="checkbox"/>	klawrence@cteh.com	
Margaret Waldon	FOSC	415-940-1109	<input type="checkbox"/>	waldon.margaret@epa.gov	
Mario Pena	Staging Area Unit Lead	805-755-3741	<input type="checkbox"/>		
Mark Miller	Transportation Supervisor	562-244-1929	<input type="checkbox"/>		
Martin Powell	FOSC	562-760-7028	<input type="checkbox"/>	powell.martin@epa.gov	
Randall Woodlee	Sr Chemist	615-504-3484	<input type="checkbox"/>	rwoodlee@enviroscienceinc.com	
Rich Yukihiro	Cost Unit Lead	562-244-2764	<input type="checkbox"/>		
Robert Martinez	Support Unit Lead	805-755-3718	<input type="checkbox"/>		
Rocky Schwartz	Decon Group 2 Supervisor	909-217-2028	<input type="checkbox"/>		
Sam Head	Environmental Sampling Unit Lead	501-707-7256	<input type="checkbox"/>	shead@cteh.com	
Tom Dunkelman	FOSC (Current)	775-721-4712	<input type="checkbox"/>	dunkelman.tom@epa.gov	
Will Canto	Disposal Branch Director	562-244-5108	<input type="checkbox"/>	wcanto@patriotenvironmental.com	

Additional Comments

ICS 206: Medical Plan

Incident: MISSION INCIDENT	Prepared By: Ashley Reardon
Period: #24: 12/14 08:00 - 12/15 08:00	Version Name: 12/14/2014 08:16 CST

First Aid Stations

Name	Location	EMT On Site	Phone	Radio
MED496	Briggs & HWY 126	Yes		

Transportation (Ground and/or Air Ambulance Services)

Name	Location	Paramedics	Phone	Radio
AMR Ambulance Service	616 FITCH AVE, MOORPARK, CA	Yes	805-517-2028	

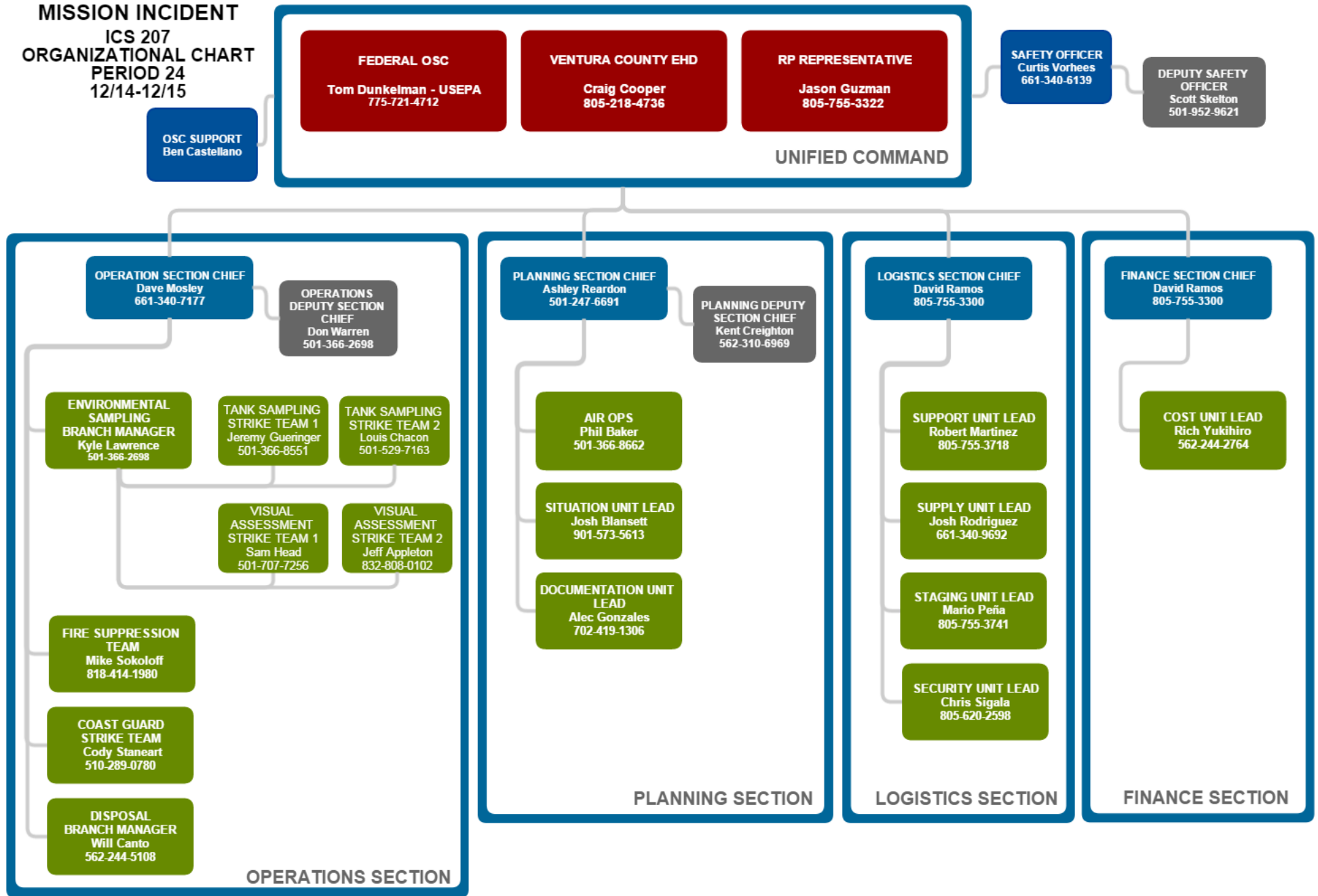
Hospitals

Name	Location	Burn Center	Helipad	Phone	Radio
Santa Paula Hospital - 8min	825 N 10th st, Santa Paula, CA	No	Yes	805-933-8600	
VCMC - 15min	3291 Loma Vista, Ventura, CA	No	Yes	805-652-6000	
St John's Hospital - 22min	1600 N Rose Ave, Oxnard, CA	No	No	805-988-2500	
Los Robles Hospital - 32min	215 W Janss, Thousand Oaks, CA	No	No	805-497-2727	

Special Medical Emergency Procedures

CONTACT IMMEDIATE SUPERVISOR IF INJURED OR EXPERIENCING SYMPTOMS OF EXPOSURE. UTILIZE COMMAND CHANNEL TO REQUEST ASSISTANCE. If Immediate EMS needed, paraphrase radio traffic with "Emergency Traffic". Provide the following Info: Type of injury, Location, Number of victims, agency of victim, point of contact, staging location for EMS response and if hazmat entry/decon required.

MISSION INCIDENT
ICS 207
ORGANIZATIONAL CHART
PERIOD 24
12/14-12/15



ICS 230: Daily Meeting Schedule

Incident: MISSION INCIDENT			Prepared By: Ashley Reardon	
Period: #24: 12/14 08:00 - 12/15 08:00			Version Name: 12/14/2014 08:16 CST	
Meetings				
Meeting Name	Date / Time	Purpose	Attendees	Location
Operations/Safety Briefing	12/14/2014 07:00 CST		All hands	
Planning Meeting	12/14/2014 17:00 CST		Command Staff	

Santa Paula, CA ★



⦿ Santa Paula Airport | Change Station ▼

Elev **245** ft **34.35** °N, **119.06** °W | Updated 6 min ago



Clear

63.5 °F

Feels Like **63.5** °F



Wind from **SW**
Gusts **7.0** mph

Tomorrow is forecast to be **NEARLY THE SAME** temperature as today.

Today

High **64** | Low **44** °F

0% Chance of Precip.

Yesterday

High **62.9** | Low **47** °F

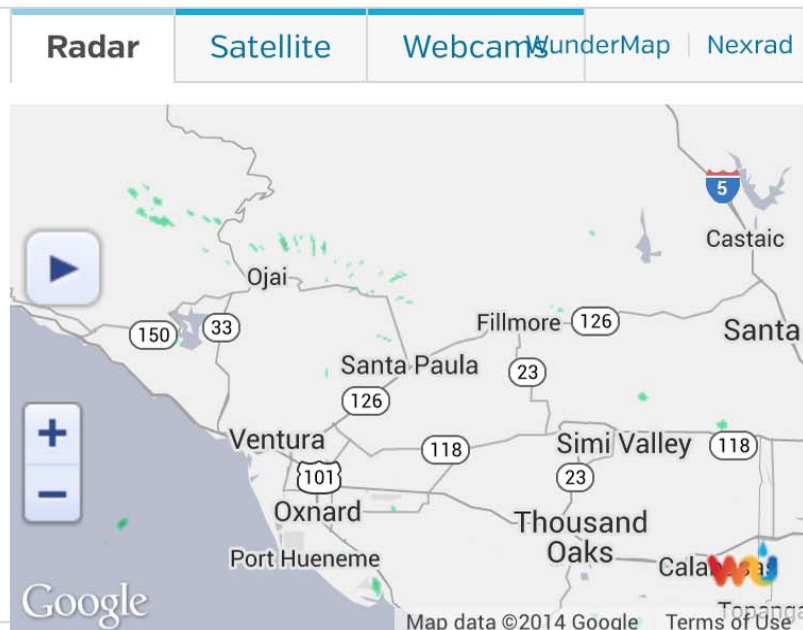
Precip. **0.1** in [Radar Loop]

Sun & Moon

6:53 am 4:47 pm

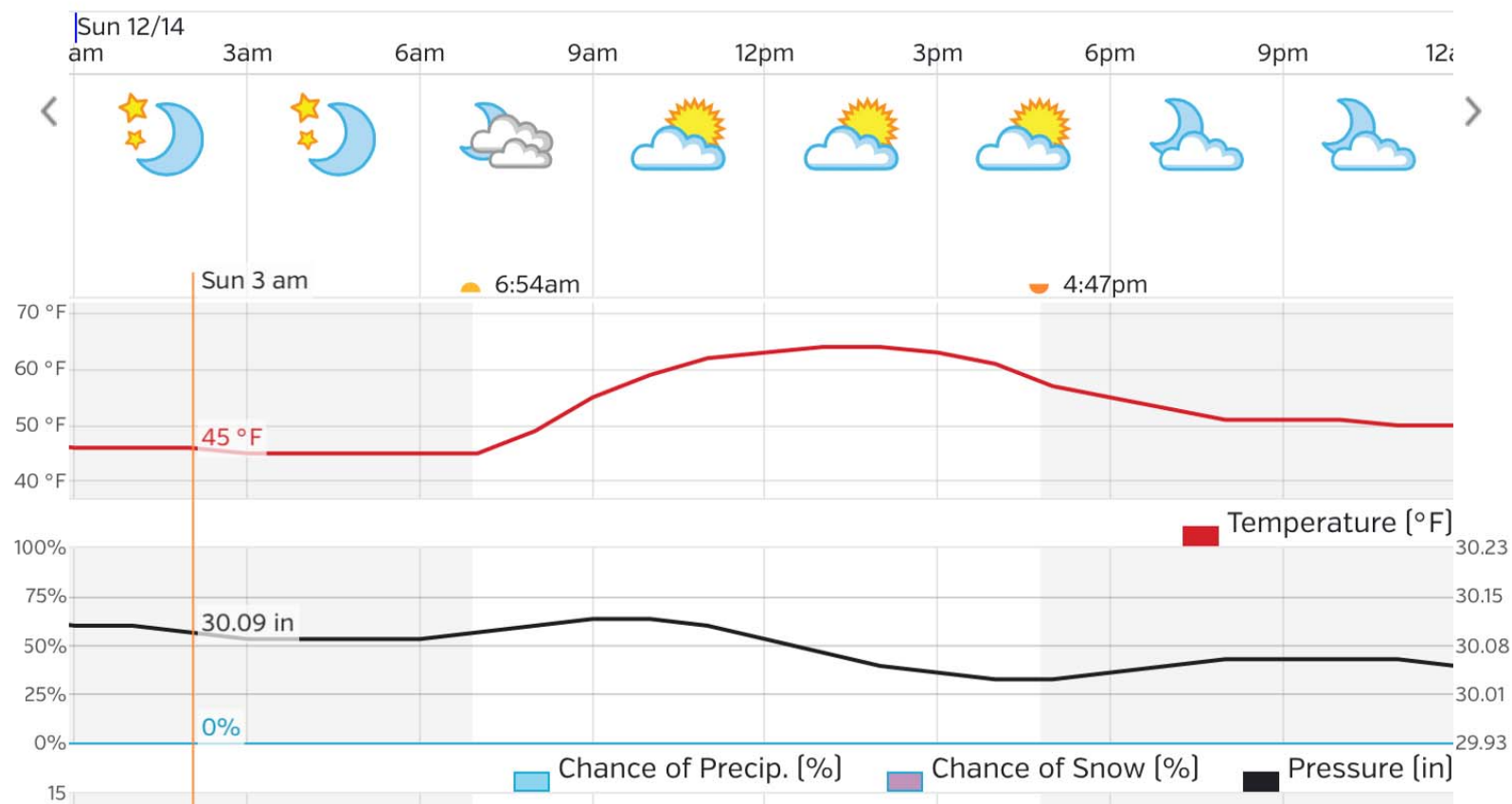
Waning Gibbous,
55% visible

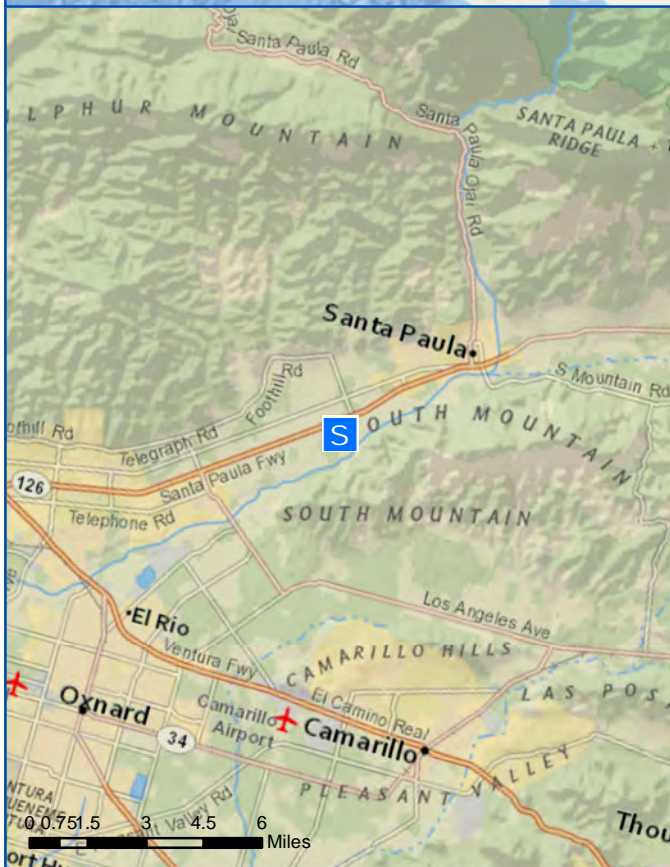
[More Conditions](#)



10-Day Weather Forecast

Graph **Table** **Descriptive** **Daily** **Hourly** **Customize**





Legend
 Site Location

0 50 100 Feet



Legend

- Support Zone
- Contamination Reduction Zone

HEALTH AND SAFETY MESSAGE

SAFETY starts with ***YOU***

We are **ALL** accountable for **SAFE** behaviors

INCIDENT: **MISSION**

DATE: **November 22, 2014**

TIME: **0800-1800**

Narrative:

Don't let your guard down and pay strict attention to your overall objectives. Brief all those involved any time there is a deviation from the plan or dangerous situations. Ensure site safety plan is completed and the appropriate PPE is utilized for the task assigned. Stay alert and don't become complacent! Obey hazard control lines. Communicate and coordinate with all agencies involved with the plan. Drink plenty of water during your shift and pace yourself.

SAFETY PRACTICE AND PROCEDURES TO MINIMIZE RISK

- | | |
|---|---|
| <ul style="list-style-type: none">• ENSURE ALL VEHICLES ARE FACING DIRECTION OF EXIT• UTILIZE ALL PROTECTIVE EQUIPMENT• KNOW YOUR ESCAPE ROUTES• ENSURE DECON TEAM IS AWARE OF DECON OBJECTIVES• DRINK LOTS OF WATER | <ul style="list-style-type: none">• ESTABLISH AN AREA OF SAFE REFUGE• ENSURE INJURED OR EXPOSED INDIVIDUALS ARE DECONTAMINATED PRIOR TO DEPARTURE FROM SITE• MAINTAIN OBSERVATIONS OF ALL CONTROL ZONES AND ENSURE NO UNAUTHORIZED MOVEMENT BETWEEN THE ZONES• REPORT <u>ALL</u> ILLNESSES AND INJURIES TO YOUR SUPERVISOR |
|---|---|

Incident Safety Officer: Michael G Valley

Mission Incident Operations Plan

Operational Period: 24

Date: December 14, 2014 06:00 – December 15, 2014 06:00

Operation Description:

Task 1: Sampling of Site Materials from Totes On-Site

Step	Procedure Described	Primary Resources	Safety Procedures
1.	Collect samples from accessible totes on-site and analyze using HazMat ID and other bench top testing procedures.	<ul style="list-style-type: none">• 1 HazCat kit• 4 Technicians• pH and oxidizer strips.• HazMat ID	<ul style="list-style-type: none">• Liquid splash, flash fire protection and respiratory protection• JHA prior to entrance• RIT Team• Fire suppression• Vitals check pre and post entry

Document	Organization	Section	Electronic Filename
Operations Plan	CTEH	ER	106846 Release Area Stabilization Operations Plan 2.0.doc

Task 2: Assessment of Frac Tanks

Step	Procedure Described	Primary Resources	Safety Procedures
1.	Visually assess outside of frac tank and document	<ul style="list-style-type: none"> • 2 Technicians • Air monitor 	<ul style="list-style-type: none"> • Liquid splash, flash fire protection and respiratory protection • JHA prior to entrance • RIT Team • Vitals check pre and post entry
2.	Open hatch and verify contents match site inventory and document	<ul style="list-style-type: none"> • 2 Technicians • Air monitor 	
3.	Radiation readings of tank with Ludlum	<ul style="list-style-type: none"> • 2 Technicians • Air monitor • Ludlum Radiological monitor 	

Task 3: Solidification

Step	Procedure Described	Primary Resources	Safety Procedures
1.	Transport solidification agents to site and stockpile.	<ul style="list-style-type: none"> • Dumptrucks • Solidification agent • Thermal imaging camera 	<ul style="list-style-type: none"> • Liquid splash, flash fire protection and respiratory protection • JHA prior to entrance • Fire suppression • RIT Team • Vitals check pre and post entry • Heavy Equipment movement • Monitor all saturated solids for reaction with thermal imaging camera
2.	Move material to pool with frontend loader and mix in pool with trackhoe.	<ul style="list-style-type: none"> • 2 operators • 2 technicians • Trackhoe • Frontend loader • Thermal imaging camera 	
3.	Allow material to completely solidify and tighten for at least 12 hours then load into rolloff boxes.	<ul style="list-style-type: none"> • Rolloff boxes • Rolloff truck • Thermal imaging camera 	

Approved as part of this IAP.

Document	Organization	Section	Electronic Filename
Operations Plan	CTEH	ER	106846 Release Area Stabilization Operations Plan 2.0.doc

MISSION INCIDENT - Tentative Objective Completion Dates

			December																		
Task		Days Total	Sat 13	Sun 14	Mon 15	Tue 16	Wed 17	Thu 18	Fri 19	Sat 20	Sun 21	Mon 22	Tue 23	Wed 24	Thu 25	Fri 26	Sat 27	Sun 28	Mon 29	Tue 30	Wed 31
Complete application of sodium sulfite solution to all surfaces in D5	E	1																			
	A																				
Solidify pool and stockpile once solidified	E	7																			
	A																				
Containerize solidified waste in roll-off boxes	E	10																			
	A																				
Decontamination of two (2) 70-barrel vacuum trucks in D2	E	4																			
	A																				
Phase 1/2 of Tank and Tote Inventory Sampling and Analysis Plan - visual assessment of tanks on site and tank grouping	E	3																			
	A																				
Phase 3 of Tank and Tote Inventory Sampling and Analysis Plan - HazCat 10% of tanks from each tank group	E	2																			
	A																				
Phase 4 of Tank and Tote Inventory Sampling and Analysis Plan - Collect analytical sample from each tank group	E	2																			
	A																				

Break for Holidays
Estimated
Actual

MISSION INCIDENT - Tentative Objective Completion Dates

January

Task	Days Total	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Containerize solidified waste in roll-off boxes	E 10																			
	A																			
Decontamination of two (2) 70-barrel vacuum trucks in D2	E 4																			
	A																			
Decontamination of source 120-barrel vacuum truck in D5	E 2																			
	A																			
Decontamination of C1, C2, C3, D1, D2, D3, D4, and D5	E 7																			
	A																			
Application of sodium sulfite solution underneath frac tanks in B1, A2, and B3	E 4																			
	A																			
	E																			
	A																			
	E																			
	A																			

Estimated
Actual